OIPE

RAW SEQUENCE LISTING   DATE: 05/11/2001
PATENT APPLICATION: US/09/844,311   TIME: 15:21:17

Input Set : A:\06207~1.txt
Output Set: N:\CRF3\05112001\I844311.raw

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 3 <110> APPLICANT: Huang, Yung
 5 <120> TITLE OF INVENTION: Cells for Detection of Enteroviruses
 7 <130> FILE REFERENCE: DHI-06207
 9 <140> CURRENT APPLICATION NUMBER: US/09/844,311
 9 <141> CURRENT FILING DATE: 2001-04-27
 9 <160> NUMBER OF SEQ ID NOS: 4
11 <170> SOFTWARE: PatentIn version 3.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 2017
15 <212> TYPE: DNA
16 <213> ORGANISM: Homo sapiens
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23 cagccagctt tggaaggccg tacaagtttt cccgaggata ctgtaataac gtacaaatgt     180
25 gaagaaagct ttgtgaaaat tcctggcgag aaggactcag tgacctgcct taagggcatg     240
27 caatggtcag atattgaaga gttctgcaat cgtagctgcg aggtgccaac aaggctaaat     300
29 tctgcatccc tcaaacagcc ttatatcact cagaattatt ttccagtcgg tactgttgtg     360
31 gaatatgagt gccgtccagg ttacagaaga gaaccttctc tatcaccaaa actaacttgc     420
33 cttcagaatt taaaatggtc cacagcagtc gaattttgta aaaagaaatc atgccctaat     480
35 ccgggagaaa tacgaaatgg tcagattgat gtaccaggtg gcatattatt tggtgcaacc     540
37 atctccttct catgtaacac agggtacaaa ttatttggct cgacttctag ttttttgtctt     600
39 atttcaggca gctctgtcca gtggagtgac ccgttgccag agtgcagaga aatttattgt     660
41 ccagcaccac cacaaattga caatggaata attcaagggg aacgtgacca ttatggatat     720
43 agacagtctg taacgtatgc atgtaataaa ggattcacca tgattggaga gcactctatt     780
45 tattgtactg tgaataatga tgaaggagag tggagtggcc caccacctga atgcagagga     840
47 aaatctctaa cttccaaggt cccaccaaca gttcagaaac ctaccacagt aaatgttcca     900
49 actacagaag tctcaccaac ttctcagaaa accaccacaa aaaccaccac accaaatgct     960
51 caagcaacac ggagtacacc tgtttccagg acaaccaagc attttcatga aacaaccocca    1020
53 aataaaggaa gtggaaccac ttcaggtact acccgtcttc tatctgggca cacgtgtttc    1080
55 acgttgacag gtttgcttgg gacgctagta accatgggct tgctgactta gccaaagaag    1140
57 agttaagaag aaaatacaca caagtataca gactgttcct agtttcttag acttatctgc    1200
59 atattggata aaataaatgc aattgtgctc ttcatttagg atgctttcat tgtctttaag    1260
61 atgtgttagg aatgtcaaca gagcaaggag aaaaaaggca gtcctggaat cacattctta    1320
63 gcacacctgc gcctcttgaa aatagaacaa cttgcagaat tgagagtgat tcctttccta    1380
65 aaagtgtaag aaagcataga gatttgttcg tattaagaat gggatcacga ggaaaagaga    1440
67 aggaaagtga ttttttccca caagatctga aatgatattt ccacttataa aggaaataaa    1500
69 aaatgaaaaa cattatttgg atatcaaaag caaataaaaa cccaattcag tctcttctaa    1560
71 gcaaaattgc taaagagaga tgaccacatt ataaagtaat ctttggctaa ggcattttca    1620
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81 gtcaaatttg taaatcttat tcttttgtaa tattttattta tatttatttta tgacagtgaa    1920
83 cattctgatt ttacatgtaa aacaagaaaa gttgaagaag atatgtgaag aaaaatgtat    1980
85 ttttcctaaa tagaaataaa tgatcccatt ttttggt                             2017
88 <210> SEQ ID NO: 2
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5/11/01

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90  <212> TYPE: PRT
91  <213> ORGANISM: Homo sapiens
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99              20                  25                  30
101 Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala Leu Glu Gly Arg Thr
102         35                  40                  45
104 Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys Cys Glu Glu Ser Phe
105     50                  55                  60
107 Val Lys Ile Pro Gly Glu Lys Asp Ser Val Thr Cys Leu Lys Gly Met
108 65                  70                  75                  80
110 Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg Ser Cys Glu Val Pro
111             85                  90                  95
113 Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro Tyr Ile Thr Gln Asn
114             100                 105                 110
116 Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu Cys Arg Pro Gly Tyr
117         115                 120                 125
119 Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr Cys Leu Gln Asn Leu
120     130                 135                 140
122 Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys Ser Cys Pro Asn
123 145                 150                 155                 160
125 Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val Pro Gly Gly Ile Leu
126             165                 170                 175
128 Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr Gly Tyr Lys Leu Phe
129         180                 185                 190
131 Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly Ser Ser Val Gln Trp
132         195                 200                 205
134 Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr Cys Pro Ala Pro Pro
135     210                 215                 220
137 Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg Asp His Tyr Gly Tyr
138 225                 230                 235                 240
140 Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly Phe Thr Met Ile Gly
141             245                 250                 255
143 Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp Glu Gly Glu Trp Ser
144         260                 265                 270
146 Gly Pro Pro Pro Glu Cys Arg Gly Lys Ser Leu Thr Ser Lys Val Pro
147     275                 280                 285
149 Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val Pro Thr Thr Glu Val
150     290                 295                 300
152 Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr Thr Thr Pro Asn Ala
153 305                 310                 315                 320
155 Gln Ala Thr Arg Ser Thr Pro Val Ser Arg Thr Thr Lys His Phe His
156             325                 330                 335
158 Glu Thr Thr Pro Asn Lys Gly Ser Gly Thr Thr Ser Gly Thr Thr Arg
159     340                 345                 350
161 Leu Leu Ser Gly His Thr Cys Phe Thr Leu Thr Gly Leu Leu Gly Thr
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168 <211> LENGTH: 2220
169 <212> TYPE: DNA
170 <213> ORGANISM: Homo sapiens
172 <400> SEQUENCE: ·3
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177 cccggctgct gctgctggtg ctgttgtgcc tgccggccgt gtggggtgac tgtggccttc     180
179 ccccagatgt acctaatgcc cagccagctt tggaaggccg tacaagtttt cccgaggata     240
181 ctgtaataac gtacaaatgt gaagaaagct ttgtgaaaat tcctggcgag aaggactcag     300
183 tgatctgcct taagggcagt caatggtcag atattgaaga gttctgcaat cgtagctgcg     360
185 aggtgccaac aaggctaaat.tctgcatccc tcaaacagcc ttatatcact cagaattatt     420
187 ttccagtcgg tactgttgtg gaatatgagt gccgtccagg ttacagaaga gaaccttctc     480
189 tatcaccaaa actaacttgc cttcagaatt taaatggtc cacagcagtc gaattttgta     540
191 aaaagaaatc atgccctaat ccgggagaaa tacgaaatgg tcagattgat gtaccaggtg     600
193 gcatattatt tggtgcaacc atctccttct catgtaacac agggtacaaa ttatttggct     660
195 cgacttctag tttttgtctt atttcaggca gctctgtcca gtggagtgac ccgttgccag     720
197 agtgcagaga aatttattgt ccagcaccac cacaaattga caatggaata attcaagggg     780
199 aacgtgacca ttatggatat agacagtctg taacgtatgc atgtaataaa ggattcacca     840
201 tgattggaga gcactctatt tattgtactg tgaataatga tgaaggagag tggagtggcc     900
203 caccacctga atgcagagga aaatctctaa cttccaaggt cccaccaaca gttcagaaac     960
205 ctaccacagt aaatgttcca actacagaag tctcaccaac ttctcagaaa accaccacaa    1020
207 aaaccaccac accaaatgct caagcaacac ggagtacacc tgtttccagg acaaccaagc    1080
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211 tatctggttc tcgtcctgtc acccaggctg gtatgcggtg gtgtgatcgt agctcactgc    1200
213 agtctcgaac tcctgggttc aagcgatcct tccacttcag cctcccaagt agctggtact    1260
215 acagggcaca cgtgtttcac gttgacaggt ttgcttggga cgctagtaac catgggcttg    1320
217 ctgacttagc caaagaagag ttaagaagaa aatacacaca agtatacaga ctgttcctag    1380
219 tttcttagac ttatctgcat attggataaa ataaatgcaa ttgtgctctt catttaggat    1440
221 gctttcattg tctttaagat gtgttaggaa tgtcaacaga gcaaggagaa aaaaggcagt    1500
223 cctggaatca cattcttagc acacctacac ctcttgaaaa tagaacaact tgcagaattg    1560
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233 tttggctgta aggcatttc atctttcctt cgggttggca aaatattta aaggtaaaac    1860
235 atgctggtga accaggggtg ttgatggtga taagggagga atatagaatg aaagactgaa    1920
237 tcttcctttg ttgcacaaat agagtttgga aaaagcctgt gaaaggtgtc ttctttgact    1980
239 taatgtcttt aaaagtatcc agagatacta caatattaac ataagaaaag attatatatt    2040
241 atttctgaat cgagatgtcc atagtcaaat ttgtaaatct tattcttttg taatatttat    2100
243 ttatatttat ttatgacagt gaacattctg attttacatg taaaacaaga aagttgaag    2160
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249 <211> LENGTH: 381
250 <212> TYPE: PRT
251 <213> ORGANISM: Homo sapiens
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Input Set : A:\06207-1.txt
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259             20                  25                  30
261 Trp Gly Asp Cys Gly Leu Pro Pro Asp Val Pro Asn Ala Gln Pro Ala
262         35                  40                  45
264 Leu Glu Gly Arg Thr Ser Phe Pro Glu Asp Thr Val Ile Thr Tyr Lys
265     50                  55                  60
267 Cys Glu Glu Ser Phe Val Lys Ile Pro Gly Glu Lys Asp Ser Val Ile
268 65                  70                  75                  80
270 Cys Leu Lys Gly Ser Gln Trp Ser Asp Ile Glu Glu Phe Cys Asn Arg
271             85                  90                  95
273 Ser Cys Glu Val Pro Thr Arg Leu Asn Ser Ala Ser Leu Lys Gln Pro
274         100                 105                 110
276 Tyr Ile Thr Gln Asn Tyr Phe Pro Val Gly Thr Val Val Glu Tyr Glu
277         115                 120                 125
279 Cys Arg Pro Gly Tyr Arg Arg Glu Pro Ser Leu Ser Pro Lys Leu Thr
280     130                 135                 140
282 Cys Leu Gln Asn Leu Lys Trp Ser Thr Ala Val Glu Phe Cys Lys Lys
283 145             150                 155                 160
285 Lys Ser Cys Pro Asn Pro Gly Glu Ile Arg Asn Gly Gln Ile Asp Val
286             165                 170                 175
288 Pro Gly Gly Ile Leu Phe Gly Ala Thr Ile Ser Phe Ser Cys Asn Thr
289             180                 185                 190
291 Gly Tyr Lys Leu Phe Gly Ser Thr Ser Ser Phe Cys Leu Ile Ser Gly
292         195                 200                 205
294 Ser Ser Val Gln Trp Ser Asp Pro Leu Pro Glu Cys Arg Glu Ile Tyr
295     210                 215                 220
297 Cys Pro Ala Pro Pro Gln Ile Asp Asn Gly Ile Ile Gln Gly Glu Arg
298 225                 230                 235                 240
300 Asp His Tyr Gly Tyr Arg Gln Ser Val Thr Tyr Ala Cys Asn Lys Gly
301         245                 250                 255
303 Phe Thr Met Ile Gly Glu His Ser Ile Tyr Cys Thr Val Asn Asn Asp
304         260                 265                 270
306 Glu Gly Glu Trp Ser Gly Pro Pro Pro Glu Cys Arg Gly Lys Ser Leu
307         275                 280                 285
309 Thr Ser Lys Val Pro Pro Thr Val Gln Lys Pro Thr Thr Val Asn Val
310     290                 295                 300
312 Pro Thr Thr Glu Val Ser Pro Thr Ser Gln Lys Thr Thr Thr Lys Thr
313 305                 310                 315                 320
315 Thr Thr Pro Asn Ala Gln Ala Thr Arg Ser Thr Pro Val Ser Arg Thr
316             325                 330                 335
318 Thr Lys His Phe His Glu Thr Thr Pro Asn Lys Gly Ser Gly Thr Thr
319         340                 345                 350
321 Ser Gly Thr Thr Arg Leu Leu Ser Gly His Thr Cys Phe Thr Leu Thr
322     355                 360                 365
324 Gly Leu Leu Gly Thr Leu Val Thr Met Gly Leu Leu Thr
325     370                 375                 380
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date